LENS

ZOOM
ND
IRIS
FOCUS
CCD

MMC/SD
S VIDEO IN OUTPUT
VIDEO/AUDIO IN OUTPUT
SPEAKER

FRONT C.B.A.
IC4801 (OP AMP)
MIC

EXT MIC/ FREE STYLE REMOTE CONTROL

SUB C.B.A.

CAMERA
IC101 (CG/SSG)
IC110 IC107(NV-GS200 SERIES ONLY)
IC108 (V DRIVER)
2FCK X101
IC102 REG
IC103 REG
IC104,105,106 (CDS,AGC,AD)
IC303 (DIGTAL SIGNAL PROCESSOR)
IC307 (EEPROM)
IC305 (CAMERA MICROCOMPUTER)

EX INPUT
IC3501 (A/D)
IC3502,3 (SW&AMP)

AVIO
IC3301 AVIO (D/A,A/D,AV OUT AMP)

IC3001 DUO (VIDEO I/O,VCO,COMPRESOR, SHUFFLE,SHUFFLE MEMORY, AUDIO PROCESSOR,ECC, ECC MEMORY,1394 I/F, USB I/F,JPEG COMPRESSION/EXPANSION, CARD I/F,DAC)

IC3201 RIP (MODULATION, VITERBI,EQ, MOTOR DRIVE CONTROL)
IC5001 (HEAD AMP)

VIDEO

USB TERMINAL
DV TERMINAL
HEAD

IC705 (HOLE AMP)
IC701 (LPF)
IC706 (ND DRIVER)
IC702 (MOTOR DRIVE)

LENS DRIVE

IC3452 8M-FLASH (PROGRAM MEMORY)
IC3453 64M SDRAM (WALK MEMORY)
IC3451 SH MPEG (MPEG COMPRESSION/ EXPANSION)

MPEG (NV-GS200SERIES ONLY)

IC2001 (CONTROL MICROCOMPUTER)

DRIVE
IC2201 (CYL/CAP/LOADING MOTOR DRIVE)

CYLINDER MOTOR
CAPSTAN MOTOR
LOADING MOTOR

IC601 (CONTROLLER& SIGNAL PROCESSOR)
LCD

IC2008 (FLASH MEMORY)
IC2013 (2.4V REG)
IC2006 (EEPROM)
IC2012 (RESET)
IC2014 (3.4V REG)

CONTROL

POWER
IC1001 (POWER)

FLASH CIRCUIT
FLASH C.B.A.
HOT SHOE
FLASH
(NV-GS200SERIES ONLY)

IC901 (CONTROLLER& SIGNAL PROCESSOR)
MONITOR C.B.A.
2.5"LCD

EVF C.B.A.
0.3"LCD

IC2601 (RTC)
SIDE L C.B.A.

MAIN C.B.A.

NV-GS200SERIES,GS120SERIES
OVERALL SCHEMATIC DIAGRAM